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100

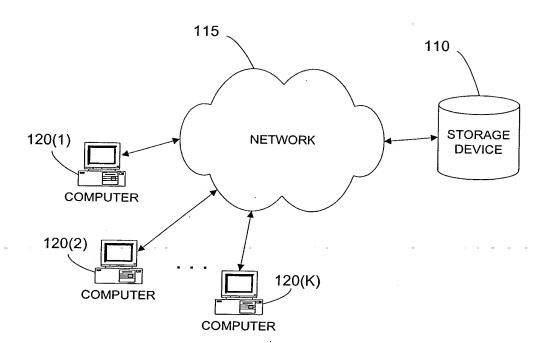


FIG. 1

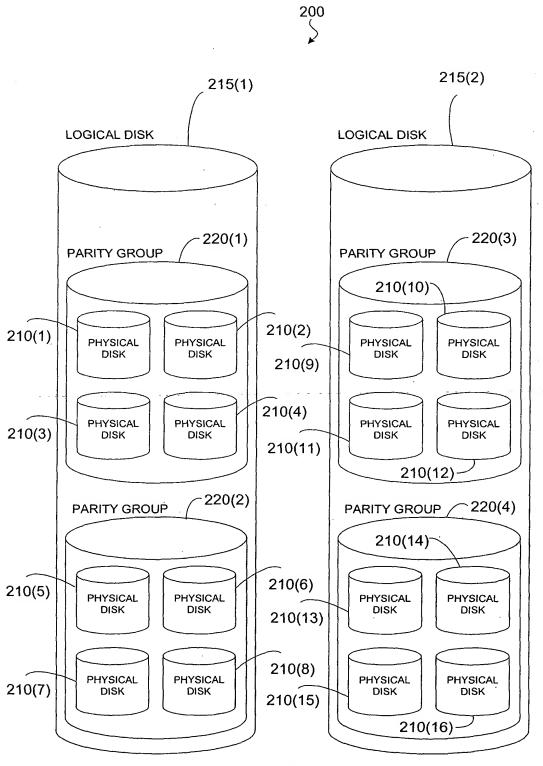


FIG. 2

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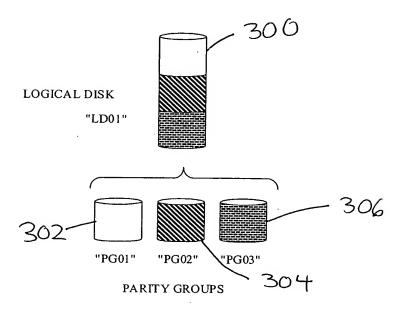


FIG. 3A

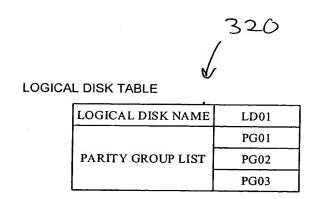


FIG. 3B

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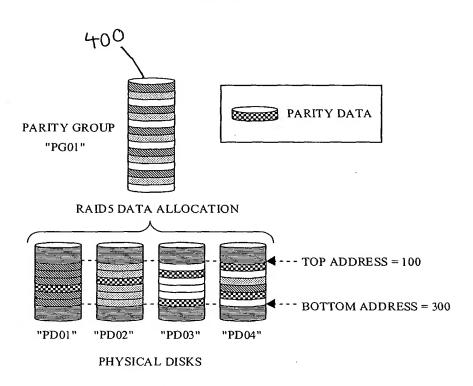


FIG. 4A



# PARITY GROUP TABLE

PARITY GROUP NAME	PG01
RAID LEVEL	5
TOP ADDRESS	100
BOTTOM ADDRESS	300
PHYSICAL DISK LIST	PD01
	PD02
	PD03
	PD04
STATUS	STABLE

FIG. 4B



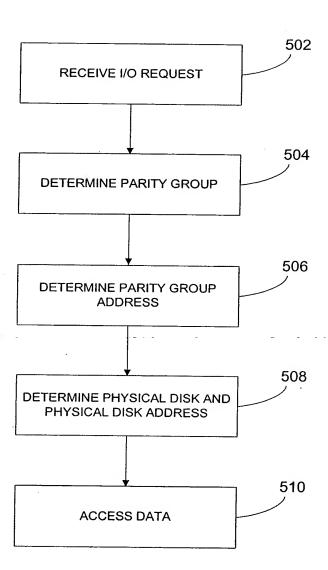


FIG. 5



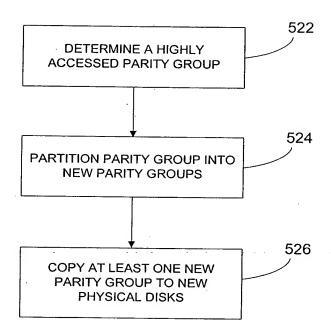


FIG. 6

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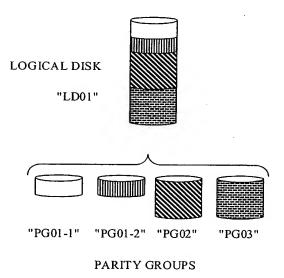


FIG. 7A



LOGICAL DISK NAME	LD01
PARITY GROUP LIST	PG01-1
	PG01-2
	PG02
	PG03

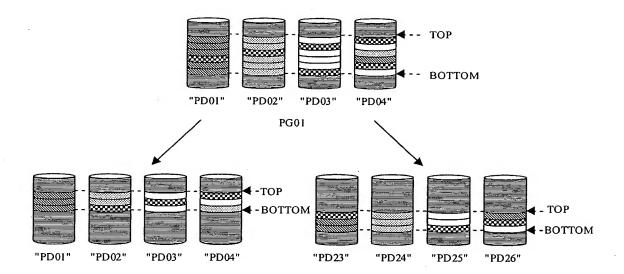


FIG. 8A

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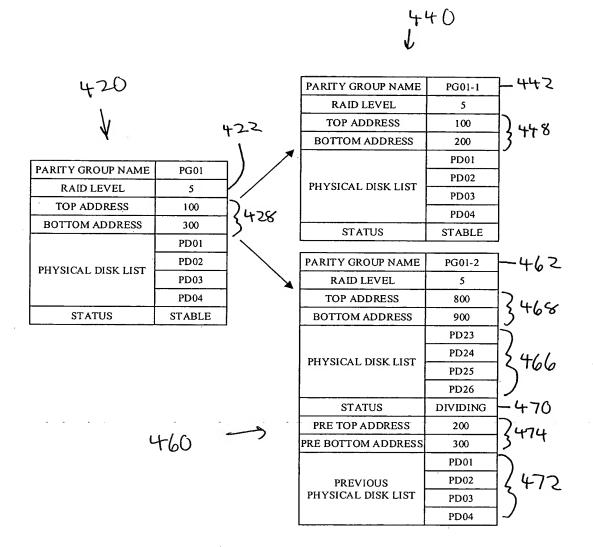


FIG. 8B

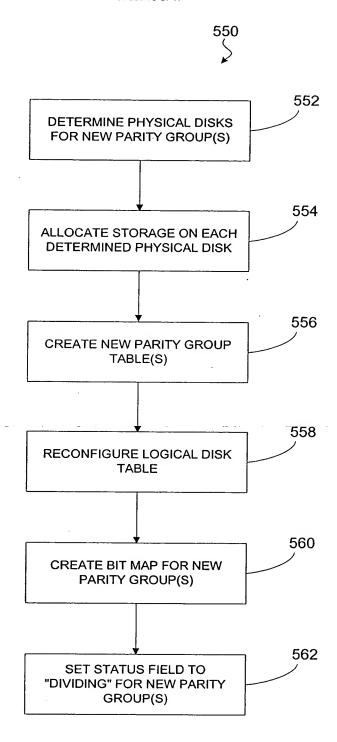


FIG. 9

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PARITY GROUP NAME	# OF I/O'S
PG01	65536
PG02	20
PG03	4

FIG. 10



PG NAME			В	IT MA	ΛP				
PC01-2	BLOCK #	1	2	3	4	5	6	7	8
PG01-2	COPIED ?	Y	N	N	N	Y	Y	N	Y

FIG. 11

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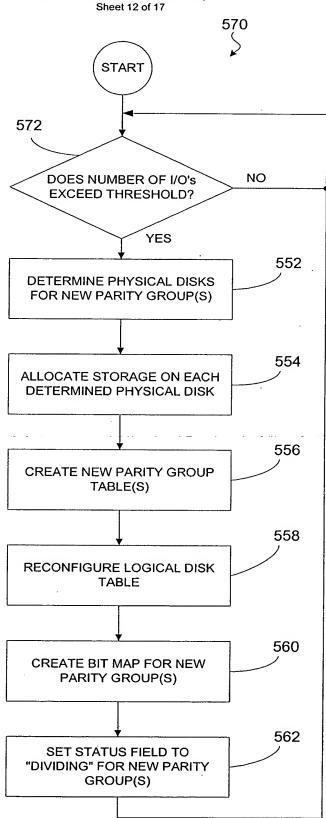
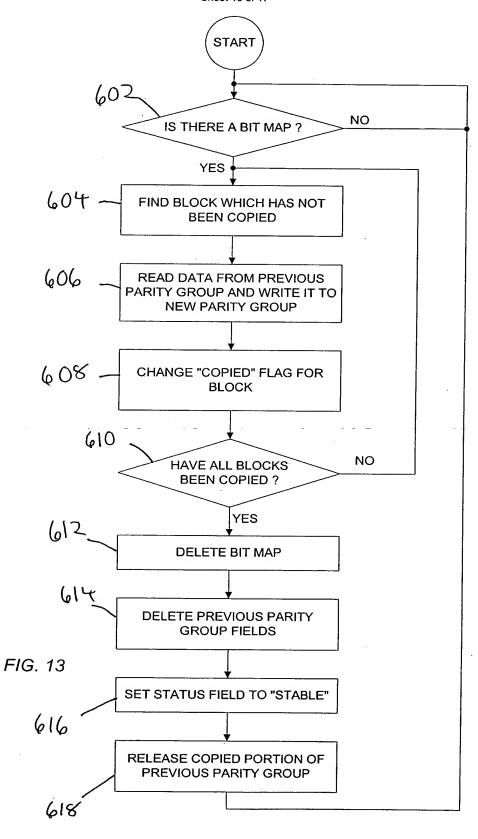
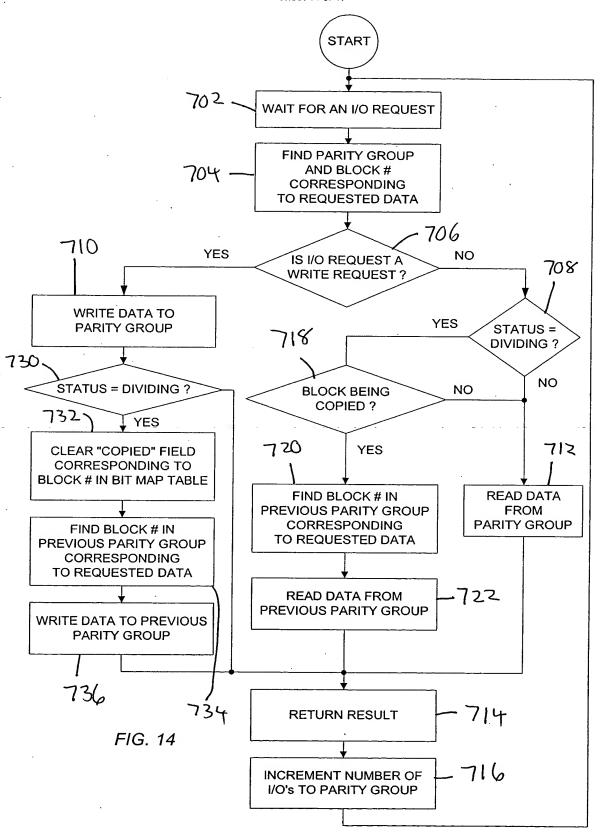


FIG. 12

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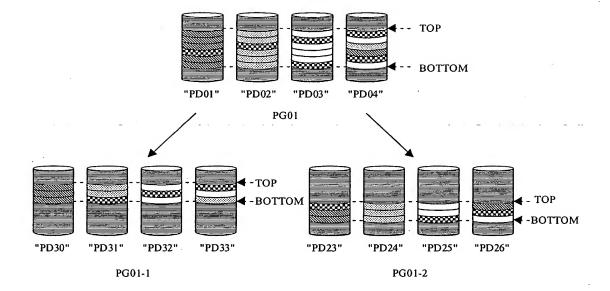


FIG. 15A

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	1	٦٢
Y GROUP NAME	PG01-1	]

PARITY GROUP NAME	PG01
RAID LEVEL	5
TOP ADDRESS	100
BOTTOM ADDRESS	300
PHYSICAL DISK LIST	PD01
	PD02
	PD03
	PD04
STATUS	STABLE

PARITY GROUP NAME	PG01-1
RAID LEVEL	5
TOP ADDRESS	100
BOTTOM ADDRESS	200
	PD30
PHYSICAL DISK LIST	PD31
	PD32
	PD33
STATUS	DIVIDING
PRE TOP ADDRESS	100
PRE BOTTOM ADDRESS	200
PREVIOUS PHYSICAL DISK LIST	PD01
	PD02
	PD03
	PD04

PARITY GROUP NAME	PG01-2
RAID LEVEL	5
TOP ADDRESS	800
BOTTOM ADDRESS	900
	PD23
PHYSICAL DISK LIST	PD24
	PD25
	PD26
STATUS	DIVIDING
PRE TOP ADDRESS	200
PRE BOTTOM ADDRESS	300
	PD01
PREVIOUS PHYSICAL DISK LIST	PD02
	PD03
	PD04

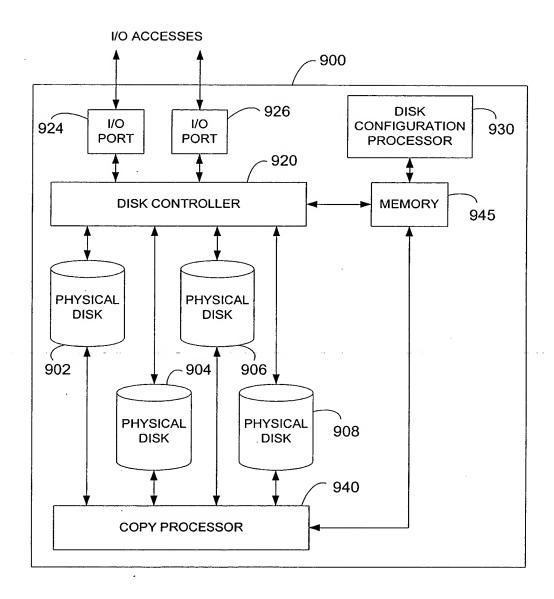


FIG. 16